Math Problem

To find the value of f(-2 - g(3)), we first need to compute g(3).

Given $g(x) = x^2 - 3$, we can substitute x = 3:

$$g(3) = 3^2 - 3 = 9 - 3 = 6$$

Next, we calculate -2 - g(3):

$$-2 - g(3) = -2 - 6 = -8$$

Now we need to find f(-8). Given $f(x) = \frac{3}{4}x + 10$, we substitute x = -8:

$$f(-8) = frac{3}{4}(-8) + 10$$

Calculating \frac{3}{4}(-8):

$$frac{3}{4}(-8) = -6$$

So,

$$f(-8) = -6 + 10 = 4$$

Thus, the value of f(-2 - g(3)) is

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